

19990807.qrp v01_n541.qrl.990807

Date: Sat, 7 Aug 1999 19:03:12 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1541

QRP-L Digest 1541

Topics covered in this issue include:

- 1) [46967] Re: NC20 power connector
by Monte Stark <ku7y@dri.edu>
- 2) [46968] Re: NC20 power connector
by "Richard Brummer" <obvious@bestweb.net>
- 3) [46969] bnc's
by Anthony Felino <anthony@pacinfosb.com>
- 4) [46970] 15m rig?
by neil tanner <ntan@crosslink.net>
- 5) [46971] Grid Square
by malman@world.std.com (Joel Malman)
- 6) [46972] Re: Grid Square
by GElam30092@aol.com
- 7) [46973] Test! pse ignore
by "Ted Beach" <k4mkx@netzero.net>
- 8) [46974] FOX Hunters: TEAM-MASS
by malman@world.std.com (Joel Malman)
- 9) [46975] Re: Grid Square
by Larry Cahoon <wd3p@juno.com>
- 10) [46976] THANK YOU! (was: pacemakers & ham radio)
by Jim Dolson <jdolson@iserv.net>
- 11) [46977] Re: ZM-2 calibration experiments?
by Robert L Kellogg <ae4ic@nr.infi.net>
- 12) [46978] Re: O.T. : Spam -has anyone noticed....
by KD1YV <jimkd1yv@snet.net>
- 13) [46979] Re: new antenna & DX
by "Steve/n0tu" <n0tu@webaccess.net>
- 14) [46980] Re: O.T. : Spam -has anyone noticed....
by Rich Wilkerson <richqrp@home.com>
- 15) [46981] VR4 6 mm trimpot for NC-20
by charles k brown <n4so@juno.com>
- 16) [46982] NC-20 text files
by charles k brown <n4so@juno.com>
- 17) [46983] re: BNC Connectors
by k5zty@juno.com
- 18) [46984] Gel Cell Charger
by k5zty@juno.com
- 19) [46985] Re: Grid Square

- by Bob Nielsen <nielsen@primenet.com>
- 20) [46986] Re: O.T. : Spam -has anyone noticed....
by Jay Freeman <jayFreem@direcpc.com>
- 21) [46987] Weekend SOLAR Condx
by "Paul Harden, NA5N" <na5n@rt66.com>
- 22) [46988] Re: qrp enclosures
by guillotstutoring@juno.com
- 23) [46989] Re: Gel Cell Charger
by "Hugo Catta" <h.catta@worldnet.att.net>
- 24) [46990] re: BNC Connectors
by Monte Stark <ku7y@dri.edu>
- 25) [46991] diodes on charging setup
by Scott Gregson - KC7MAS <emtech@steadynet.com>
- 26) [46992] Re: Spam -has anyone noticed....
by "Bill Todd" <bill@willapabay.org>
- 27) [46993] For Sale: Ten Tec Argonaut 515 and/or Notch Filter
by RobCap@aol.com
- 28) [46994] Power Supplies
by "Rod Cerkoney" <rwc@frii.com>
- 29) [46995] spark gap audio and spiders
by "Armin Hachmer" <armin@muskoka.com>
- 30) [46996] GAME OVER! Was INFO: National Park Sprint/Contest
by "Rod, NØRC" <rwc@frii.com>
- 31) [46997] Re: BNC Connectors
by "Rod, NØRC" <rwc@frii.com>
- 32) [46998] Battery Question
by mailbox-gaskins <pgaskin@imcnet.net>
- 33) [46999] Re: Battery Question
by "George T. Baker" <w5yr@swbell.net>
- 34) [47000] Re: O.T. : Spam -has anyone noticed....
by "William R. Colbert" <af852@rgfn.epcc.edu>
- 35) [47001] re: BNC Connectors
by The Boices <boice@bigfoot.com>
- 36) [47002] DX QSL Question (QRP)
by olyellr@iglou.com
- 37) [47003] CW-xtals
by af852@rgfn.epcc.edu (William R Colbert)
- 38) [47004] Parks event...
by n5ib@juno.com
- 39) [47005] RFI: OUTbacker ANT
by "Rod, NØRC" <rwc@frii.com>
- 40) [47006] Signals on 7040
by John R Kirby <n3aaz-qrp@juno.com>
- 41) [47007] Filtering Wall Warts
by "Randy Jouett" <rules@bellsouth.net>
- 42) [47008] Universal Time Coordinated
by Ken Newman <N2CQ@citnet.com>
- 43) [47009] Re: DX QSL Question (QRP)

- by Monte Stark <ku7y@dri.edu>
- 44) [47010] Trade: Kenwood TS-130V HF QRP
by N3BJ <N3BJ@hotmail.com>
- 45) [47011] RS BNC/Twisted Pair Balun?
by "Joel Frederick Kluender" <nf9k@eudoramail.com>
- 46) [47012] Re: Universal Time Coordinated
by Monte Stark <ku7y@dri.edu>
- 47) [47013] Antennas
by Robert P Engelman <rengelwb8uoj@juno.com>
- 48) [47014] Re: DX QSL Question (QRP)
by Jeff Davis <jeff@n9avg.org>
- 49) [47015] Re: Antennas
by "M.Pender" <steam@megsinet.net>
- 50) [47016] Re: Universal Time Coordinated
by malman@world.std.com (Joel Malman)
- 51) [47017] Re: Antennas
by ac5ez@webtv.net (Larry B)
- 52) [47018] Re: Universal Time Coordinated
by KD1YV <jimkd1yv@snet.net>
- 53) [47019] FS: KEYER/PADDLES
by Brad Bradfield <b_bradfield@yahoo.com>
- 54) [47020] WTB: Ten Tec 206A calibrator
by Roy <marion@montana.com>
- 55) [47021] Re: DX QSL Question (QRP)
by Jeff Grudin <grudin@pacific.vdbs.com>
- 56) [47022] Re: Universal Time Coordinated
by Glen Reid <k5fx@flash.net>
- 57) [47023] Re: Universal Time Coordinated
by Glen Reid <k5fx@flash.net>
- 58) [47024] Re: Universal Time Coordinated
by Ted Beach <k4mkx@netzero.net>
- 59) [47025] Re: Antennas
by "Nick Kennedy" <nkennedy@cswnet.com>
- 60) [47026] Panel Markings
by "Henry Knoll" <knoll1003@tc.umn.edu>
- 61) [47027] Re: Antennas
by Dave Sjolin <sjolin@swbell.net>
- 62) [47028] National Parks Scores
by Kenneth R Wezeman <n9qil@juno.com>
- 63) [47029] Maintaining QRP Motivation
by Wes Spence <ac5k@ih2000.net>
- 64) [47030] re: ZM2 calabration experiments
by k5zty@juno.com
- 65) [47031] Re: Spam (OFF TOPIC)
by Francis Flynn <fflynn@together.net>
- 66) [47032] Re: Maintaining QRP Motivation
by "Kelly Ellison" <kelman@dialnet.net>
- 67) [47033] re: ZM2 calabration experiments

by Charlie Lofgren <clofgren@BENSON.MCKENNA.EDU>
68) [47034] vibroplex bug for sale
by "The One and Only!" <mitch96@pobox.com>
69) [47035] MRF904
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
70) [47036] QRP Balloon in the Air Now
by "Karl B. Staddon" <ve6kbs@agt.net>
71) [47037] PARKS
by "Steven Weber" <kd1jv@moose.ncia.net>
72) [47038] Re: PARKS
by "Rod, N0RC" <rlw@friei.com>
73) [47039] Re: QRP Balloon in the Air Now
by "Karl B. Staddon" <ve6kbs@agt.net>
74) [47040] re: DX QSL QRP
by Goemans <jgoemans@facstaff.wisc.edu>
75) [47041] Re: FS: KEYER/PADDLES *****SOLD*****
by Brad Bradfield <b_bradfield@yahoo.com>
76) [47042] FS: PADDLES/KEYER
by "curt" <k3ivb@stargate.net>
77) [47043] Re: Antennas
by "Steve Yates, AA5TB" <aa5tb@swbell.net>

Date: Fri, 6 Aug 1999 16:23:08 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [46967] Re: NC20 power connector
Message-ID: <Pine.GS0.4.10.9908061620250.16138-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hmmmmmm,

I think if I had rigs with different power connectors
I'd make up some adaptors and save myself a lot of
time and energy!

One way would be to pick a "standard" for your shack.
Then make an adaptor from each rig you have that isn't
already your "standard".

What's my standard you ask??

Why, wire nuts of course!

: -)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Fri, 6 Aug 1999 19:33:41 -0400
From: "Richard Brummer" <obvious@bestweb.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.edu>
Subject: [46968] Re: NC20 power connector
Message-ID: <009901bee064\$1ee61860\$d805b3d8@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>What's my standard you ask??
>
>Why, wire nuts of course!
>

Somebody who thinks like I do !

If you want to make things REALLY neat, you can use butt splices.

73,
Dick K2REB
-----Original Message-----
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Friday, August 06, 1999 7:24 PM
Subject: Re: NC20 power connector

>HMMMMM,
>
>I think if I had rigs with different power connectors
>I'd make up some adaptors and save myself a lot of
>time and energy!
>
>One way would be to pick a "standard" for your shack.
>Then make an adaptor from each rig you have that isn't
>already your "standard".
>

>:-)
>
>73, Ron, SOWP 5545M,
>
>.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
>....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
>....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....
>

Date: Fri, 6 Aug 99 16:41:50 -0800
From: Anthony Felino <anthony@pacinfosb.com>
To: qrp-l@lehigh.edu
Subject: [46969] bnc's
Message-ID: <Chameleon.933983585.anthony@anthony>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I use BNC's exclusively. They only take one easily-reamed hole to mount on a panel. They are easy to mate and unmate. I have had to make very few cables up. Cables are available used at swap meets because they are the standard in the electronics industry. They are now available very cheaply in a variety of lengths at computer shows, along with adapters and terminators of various kinds. Radio Shack sells adapters to any other series of connectors. I put UHF to BNC adapters on gadgets with UHF connectors and leave them on. This scheme makes it easy to connect anything to anything. Especially useful are the BNC to grabber adapters made by Pomona and others. You can connect a circuit being breadboarded to anything that way, without having to mount a connector. I've made a lot of QSO's with rigs "grabbed" to the antenna.

Anthony, WN6Q

Date: Fri, 06 Aug 1999 20:08:01 -0400
From: neil tanner <ntan@crosslink.net>
To: qrp list <qrp-l@lehigh.edu>
Subject: [46970] 15m rig?
Message-ID: <37AB78E1.951FEB34@crosslink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Greetings all-

I have been off the list for some time now and just started getting the digest again. Before taking a break a few months ago, I remember a VE3 station, Laura?? posting a message about building a rig for 15m. I had been toying with the idea myself at that time and never completed the project. I was just wondering if she ever built one and how its working. All the best es keep it low----72 Neil WA4CHQrp

Date: Fri, 6 Aug 1999 20:23:22 -0400 (EDT)
From: malman@world.std.com (Joel Malman)
To: qrp-l@Lehigh.EDU
Cc: k1qm@world.std.com
Subject: [46971] Grid Square
Message-ID: <199908070023.AA10078@world.std.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Folks, Some Grid Square Questions:

1. Is there a mapping from something like Zip-Code to Grid Square?
2. How do you know what Grid Square you in when you (think) you are close to the boarder of two grids?
3. Is there a GPS (Long/Lat) map availble to help?
4. How to Rover stations know their Grid Square?

Can anyone help?

--
/joel K1QM Concord, MA
QRP-L 337, QRP-ARCI 9305

Date: Fri, 6 Aug 1999 20:31:42 EDT
From: GElam30092@aol.com
To: malman@world.std.com, qrp-l@lehigh.edu

Subject: [46972] Re: Grid Square
Message-ID: <fcfc968e.24dcd86e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 8/6/99 5:26:00 PM US Mountain Standard Time,
malman@world.std.com writes:

<< 1. Is there a mapping from something like Zip-Code to Grid Square? >>

QRZ.COM lists the grid info for callsigns. I suspect they work from Zip Codes but don't know the code source.

<< 2. How do you know what Grid Square you in when you (think) you are close to the boarder of two grids? >>

Use a GPS? You need to know your lat/long within reason.

<< 3. Is there a GPS (Long/Lat) map availble to help?
4. How to Rover stations know their Grid Square? >>

I (a multi-Rover owner :-)) have a Garmin GPS III that will give me the grid directly.

For more info on grids, try <http://www.atcon.com/~ve1rst/grid.htm> for an explanation. There's also a link to a site that will calculate yours based on lat/long.

Cheers,
Gerry, K1LR0
PHX AZ

Date: Fri, 6 Aug 1999 17:38:59 -0700
From: "Ted Beach" <k4mkx@netzero.net>
To: qrp-l@lehigh.edu
Subject: [46973] Test! pse ignore
Message-ID: <060899218.63154@mailstartplus.com>
Mime-Version: 1.0
Content-Type: text/plain

Email test from another location.

Ted Beach

MailStart Plus - <http://www.mailstartplus.com>
Consolidate Your Mailboxes Into an Organized, Filtered, Spell-Checked,
Anywhere, Anytime WebBox

Date: Fri, 6 Aug 1999 21:14:00 -0400 (EDT)
From: malman@world.std.com (Joel Malman)
To: qrp-l@Lehigh.EDU
Cc: k1qm@world.std.com, MJC191@aol.com
Subject: [46974] FOX Hunters: TEAM-MASS
Message-ID: <199908070114.AA02739@world.std.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Mass QRP Folks,

We need two more QRP'ers to round out: TEAM-MASS.. (slogan: We kick Butt).
So, please speak-up.... You don't have to work every fox to be part of the
team! The Mass team just wants to show the other teams we are pretty good
QRP'ers and we live right here in MASS.

So Mass QRP folks, Please send me an E-Mail... Join the team.

--

/joel K1QM Concord, MA
QRP-L 337, QRP-ARCI 9305

Date: Sat, 7 Aug 1999 01:26:41 +0100
From: Larry Cahoon <wd3p@juno.com>
To: malman@world.std.com, qrp-l@Lehigh.EDU
Subject: [46975] Re: Grid Square
Message-ID: <19990807.013037.3966.2.wd3p@juno.com>

On Fri, 6 Aug 1999 20:23:22 -0400 (EDT) malman@world.std.com (Joel Malman) writes:

>Folks, Some Grid Square Questions:

>

>1. Is there a mapping from something like Zip-Code to Grid Square?

If there is it is not too good. The post office just does not care about lat/long for their delivery areas. So anything you can find will only be approximate. Same goes for counties. The post office doesn't even believe zip codes should be in one county

>2. How do you know what Grid Square you in when you (think) you are
> close to the boarder of two grids?

You have to know the lat/long to get it. The ARRL site has a grid square computer if you know the lat/long.

>3. Is there a GPS (Long/Lat) map available to help?

Try mapblast.com on the internet. I use Delorme Street Atlas for my map. In the field I use a GPS, but it is only good to a few hundred feet. There is a good piece on GPS at the Adventure Radio Society this month.

>4. How to Rover stations know their Grid Square?

I suspect they are using good top map most of the time. Some are likely using a GPS. By the way the county hunter consensus seems to be that a map and road signs are better than GPS for locating county lines. That group will actually let you claim to be transmitting from two counties at the same time. Only constraint is that it not be a "wet" (as in water) county line. If the sign is there it is good enough.

73 de Larry.....WD3P in MD FM18or as determind from a 7 1/2 min. topmap.

Get the Internet just the way you want it.

Free software, free e-mail, and free Internet access for a month!

Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Fri, 06 Aug 1999 21:38:49 -0400

From: Jim Dolson <jdolson@iserv.net>

To: QRP-List <qrp-l@Lehigh.EDU>

Subject: [46976] THANK YOU! (was: pacemakers & ham radio)

Message-ID: <37AB8E29.1084C295@iserv.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I would like to say a big "THANK YOU" to the dozens of hams who sent me information on pacemakes. My dad is feeling a lot better about the situation. He will work with his doctor and an engineer at whatever company makes the pacemaker he will be receiving to determine how best to minimize interference.

Thanks again. QRP-L has the best group of people on the net.

Jim
wb8zbd

Date: Fri, 06 Aug 1999 22:23:15 -0700
From: Robert L Kellogg <ae4ic@nr.infi.net>
To: we6w@qsl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [46977] Re: ZM-2 calibration experiments?
Message-ID: <37ABC2C3.AA317CF0@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Ed,

I'm not an expert when it comes to circuit design, but I've always understood the Z-match circuit works in such a way that tweeking the caps as you suggest wouldn't accomplish anything.

It's actually two tuned circuits in one. The whole inductance has one half of the capacitor across it, and that combination tunes approximately 30 Meters and below. Half of the inductance has the other half of the capacitor across it, and that combination tunes approximately 30 Meters and above.

I don't think matching the two sections would accomplish much.... But, what do I know? I've never seen a Z-Match that used a dual capacitor with different sized sections. :-) Enlighten me.

Ed Loranger wrote:

> This is not about that. This is about the split tracking capacitor

> used in the ZM-2. Are you familiar with it?
>
> Basically you have two capacitors sharing a common shaft. Each
> tunes approximately the same capacitance range. Each capacitor is
> across 11 turns of a 27 turn toroid, with the middle 5 turns
> coupled to the balanced output on the tuner.

Ed, your description of the circuit is not quite right. One section is
across all 27 turns, I think.

CUL,
Bob Kellogg, AE4IC Greensboro, NC
Probably, not nececelery. - Benny Hill

Date: Fri, 06 Aug 1999 22:27:49 -0300
From: KD1YV <jimkd1yv@snet.net>
To: qrp-l@lehigh.edu
Subject: [46978] Re: O.T. : Spam -has anyone noticed....
Message-ID: <37AB8B95.F2F8570D@snet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

S LYON wrote:

>
> -that the "remove" addresses at the bottom don't work? Could it be... oh
> no... that they are intentionally that way? What can be done? -s-
> --
>
> 'Seab' Lyon - AA1MY
> Beacon NY USA FN-31
> QRP-L 574 ARCI 9253

Worse. Some of them use your reply to determine that your e-mail
address is truly "active", and thereby use it for the next spam, or
sell it to another spammer. Ever since I learned this, I never
"reply" to spam, I simply delete them and move on. It's also far less
work for me.

--
73 de Jim, KD1YV <http://www.qsl.net/kd1yv/> QRP-L #1989
Emergency Coordinator, Bethel, CT : Bulletin Manager, CT Section, ARRL
Y2k isn't the programmers' fault. It was caused by
the Business Managers trying to save a few bux.

Date: Fri, 6 Aug 1999 08:43:58 -0600
From: "Steve/n0tu" <n0tu@webaccess.net>
To: <mmullins@mastnet.net>
Cc: "QRP-L" <QRP-L@lehigh.edu>
Subject: [46979] Re: new antenna & DX
Message-ID: <000001bee07d\$79738420\$9aa8a3cc@S&P.www.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey Mike, Ur 1 watt sure was filling up my front seat with lots audio
...u sounded like QRO ...man what a signal! How high up is ur G5RV
anyway. We must a had a pipeline propagation between us. TU fer the
fun QRP/m QSO! Steve/n0tu

-----Original Message-----

From: Mike Mullins <mmullins@mastnet.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Thursday, August 05, 1999 7:52 PM
Subject: new antenna & DX

>About 3 weeks ago I put up a G5RV in a tall tree in my back yard at
about
>45 feet. The legs kept getting tangled in lower branches, and it
took
>several hours. The weather was hot (95F), the mosquitoes were out in
>force, and I got two fire ant bites (they still itch). Finally got
it up,
>and I realized that the wire on one leg was wrapped around the
T-connector,
>and I had to start over. I had to attach a connector in my 125F
attic when
>I found out I needed 110 feet of coax when I had 100 feet.
>
>It was worth it! In my short ham career, I've had a dipole in the
attic, a
>dipole on the roof, a 40m full wave horizontal loop, and a Windom.
This
>one is the best. In the past two weeks on 20 meters (NC20 with a
sick
>final at 1 watt) I've worked Japan, Bulgaria, Yugoslavia, numerous
western

>European stations, and Columbia. I feel a little guilty about
starting
>QSO's with them. Most of them are highly skilled ops with aluminum
>antennas, who have to dig out my weak signal and decipher my
error-filled
>code. It's easy at my end. Still, it's fun, and they don't seem to
mind.
>
>The message is: put up the best antenna you can. I've read this many
times
>on this list, but never realized how important it is. 73 de Mike
KD5CMN in
>sunny Texas
>
>

Date: Fri, 06 Aug 1999 19:55:56 -0700
From: Rich Wilkerson <richqrp@home.com>
To: jimkd1yv@snet.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [46980] Re: O.T. : Spam -has anyone noticed....
Message-ID: <37ABA03C.6A244D3D@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

KD1YV wrote:

>
> S LYON wrote:
> >
> > -that the "remove" addresses at the bottom don't work? Could it be... oh
> > no... that they are intentionally that way? What can be done? -s-
Yes I have also been getting a big influx of junk mail and the "Remove"
address always comes back.. no such address.....

--

72's & 73's
Rich Wilkerson, Santee, Ca
WD6FDD

Date: Fri, 06 Aug 1999 23:22:07 EDT

From: charles k brown <n4so@juno.com>
To: QRP-L@lehigh.edu
Subject: [46981] VR4 6 mm trimpot for NC-20
Message-ID: <19990807.031834.4503.4.n4so@juno.com>

Need the source for VR-4 a 10K trimpot/ 6mm
carbon trimmer.
This part is nr 119/ VR4 in the NC-20 and was missing.
Need the exact replacement part number for reordering.

Ken Brown, N4SO
QTH nr Mobile, AL/ EM50tk
qrp-l #622
n4so@juno.com

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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Fri, 06 Aug 1999 23:22:07 EDT
From: charles k brown <n4so@juno.com>
To: QRP-L@lehigh.edu
Subject: [46982] NC-20 text files
Message-ID: <19990807.031834.4503.5.n4so@juno.com>

Need missing qrp-l text files for the NC-20.
--problems, fixes, parts changes, and NC-20
discussion.
Juno has a 64K byte limit on the size of text files
so if the files are large, they need to be broken down
into parts.

Ken Brown, N4SO
QTH nr Mobile, AL/ EM50tk
qrp-l #622
n4so@juno.com

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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Fri, 6 Aug 1999 19:36:49 -0500

From: k5zty@juno.com
To: qrp-1@lehigh.edu
Subject: [46983] re: BNC Connectors
Message-ID: <19990806.223418.3246.1.k5zty@juno.com>

Is a BNC connector available for RG8 coax? The only other choice that I have seen for RG8 is N connectors. I like BNCs but don't like using adaptors to match them to 1/2" dia coax with PL259 connectors. I have little radios and big radios that use the same antennas here.

Bill, K5ZTY
Houston, TX

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Date: Fri, 6 Aug 1999 19:02:23 -0500
From: k5zty@juno.com
To: qrp-1@lehigh.edu
Subject: [46984] Gel Cell Charger
Message-ID: <19990806.223418.3246.0.k5zty@juno.com>

G E to the Groupe

The circuit and details for the Smart Charger that A&A Engineering sells in QST for \$60. kit and \$80 built is in the ARRL Handbook 1995 and later.

It is built around a Unitrode UC3906 charger IC that sells for about \$6.00. The problem is that it is not widely available through the parts houses. Allied Electronics sells them but they have a big minimum order.

If there was enough interest on this list to make a group buy, this makes a great gel cell cahrger. A Radio Shack 18v, 2 amp transformer is the only other component of any consequence. The rest is resistors switches, a pass transistor, fuses , perf board, case etc.

I built one several years ago and it really does a perfect job of keeping gel cells at a correct float voltage. It is even compensates for temperature.

Maybe someone on the list has access to the UC3906 IC.
Just an idea.

Bill, K5ZTY
Houston, TX
k5zty@juno.com

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Fri, 6 Aug 1999 21:07:10 -0700
From: Bob Nielsen <nielsen@primenet.com>
To: qrp-1@lehigh.edu
Subject: [46985] Re: Grid Square
Message-ID: <19990806210710.A2329@bob>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

On Fri, Aug 06, 1999 at 08:31:42PM -0400, GElam30092@aol.com wrote:
> In a message dated 8/6/99 5:26:00 PM US Mountain Standard Time,
> malman@world.std.com writes:
>
> << 1. Is there a mapping from something like Zip-Code to Grid Square? >>
>
> QRZ.COM lists the grid info for callsigns. I suspect they work from Zip
> Codes but don't know the code source.

I expect you are correct. On the qrz.com site, the latitude and longitude for my qth are both more than one minute off and the grid square is incorrect. On the other hand, the Buckmaster site (http://www.buck.com/cgi-bin/do_hamcall) appears to be right on, both for grid square and lat/lon.

Bob, w6swe

--
Bob Nielsen Internet: nielsen@primenet.com
Tucson, AZ AMPRnet: w6swe@w6swe.ampr.org
DM42nh <http://www.primenet.com/~nielsen>

Date: Sat, 07 Aug 1999 23:19:35 -0500
From: Jay Freeman <jayFreem@direcpc.com>
To: jimkd1yv@snet.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [46986] Re: O.T. : Spam -has anyone noticed....
Message-ID: <37AD0557.F72D5C7C@direcpc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Howdy Neighbors,

KD1YV wrote:

>
> Worse. Some of them use your reply to determine that your e-mail
> address is truly "active", and thereby use it for the next spam, or
> sell it to another spammer. Ever since I learned this, I never
> "reply" to spam, I simply delete them and move on. It's also far less
> work for me.

I was getting a lot of spam from some outfit using forged headers from AOL, MSN, Compuserve and other online service providers, sent from bogus originating servers through the smtp servers of unsuspecting companies and organizations. Quite an elaborate operation. Over a period of two weeks I forwarded each of these emails to the postmaster at the first real smtp server, and to abuse@<online service provider>. Looks like they finally got the holes plugged because I haven't gotten any for several days. You can fight spam. You should fight spam.

Just my \$.02,

Jay - WT9S

Date: Fri, 6 Aug 1999 22:27:23 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Cc: cqclist@cqc.net
Subject: [46987] Weekend SOLAR Condx
Message-ID: <Pine.SUN.4.10.9908062216200.2237-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

The sun remains quite active with several M-class flares, coronal mass ejections (CME's) and high-velocity shock waves. However, they are all originating from areas that are approaching the sun's southwest limb and thus the particle radiation and shock waves will not strike the earth. So conditions for the contests this weekend should be quite good.

SOLAR FLUX IS 170 ... fairly high, and enough to raise the maximum usable frequency (MUF) above 30MHz around noon local most areas ... meaning the higher bands should be open during daylight hours. Our solar flux was above 200 for several days, but now on it's 28-day decline. It

will bottom out in about 2 weeks, and the next maximum will be around September 2-5th. This means NN1G's QRP AFIELD contest will be around the next minimum :-(But the minimum will still probably show a solar flux around 140-150, still enough to move QRP signals around on 15M.

GEOMAGNETIC A-INDEX for the weekend should be around 5-8, or fairly quiet conditions on 20M down to 80M during evening hours. Noise levels around S-3 to S-4, not counting the Wal-Mart parking lot you might have across the street :-)

In short, fairly favorable conditions this weekend for contesting, and good conditions as well on the WARC bands for some good DX QSO's and ragchews. 30M should be very nice for that.

GL and most of all, have fun,
Paul NA5N

Date: Fri, 6 Aug 1999 23:49:48 -0500
From: guillotstutoring@juno.com
To: qrp-l@Lehigh.EDU
Subject: [46988] Re: qrp enclosures
Message-ID: <19990806.234952.-891295.0.guillotstutoring@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

These are similar to Velamint boxes, which are \$18 per dozen at www.ragold.com which is 3 1/8", 2 3/8", 3/4". Altoids are not as wide as either of these (2 1/4"). Dilbert mints are at <http://www.umstore.com/dilbert/inventory.htx?item=2601-12024> for \$24 a dozen.

On Fri, 6 Aug 1999 14:38:30 -0400 (EDT) klh@nsgqs.cb.lucent.com writes:
>I bought some mints in a tin at Target. These are 'Dilbert' mints
>in collectable (of course) tins of four different designs. The tin
>is smaller than Altoids (outside dimensions: 3 1/4", 2 1/2", 3/4").
>The different print designs can help to identify the project within.
>
>The 'Dogbert' tin contains my VE3DNL marker/generator
>The 'Catbert' tin has my SMITE
>The 'Dilbert' tin has the TICK keyer, and
>The 'Boss' tin has.....what's this?
> Mints....

>Time for another project.

>

>72,

>Kaye, K8GZ Lancaster, OH

>

>And my wife likes these mints more than Altoids.

Ed Guillot, N5ED, New Orleans, LA
qrp-l#1951, qrparci#3988, ARRL(life)

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Date: Sat, 7 Aug 1999 01:00:04 -0400

From: "Hugo Catta" <h.catta@worldnet.att.net>

To: <k5zty@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [46989] Re: Gel Cell Charger

Message-ID: <001e01bee091\$b7422e00\$5e0d4f0c@compaq>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

----- Original Message -----

From: <k5zty@juno.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Friday, August 06, 1999 8:02 PM

Subject: Gel Cell Charger

> G E to the Groupe

>

> The circuit and details for the Smart Charger that A&A Engineering sells
> in QST for \$60. kit and \$80 built is in the ARRL Handbook 1995 and later.

> It is built around a Unitrode UC3906 charger IC that sells for about
> \$6.00. The problem is that it is not widely available through the parts
> houses. Allied Electronics sells them but they have a big minimum
> order.

>

.....SNIP.....

FAR Circuits sells the PCB and the UC3906.

72, 73
Hugo
CX9AAK/W2

Date: Fri, 6 Aug 1999 22:33:15 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: k5zty@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [46990] re: BNC Connectors
Message-ID: <Pine.GS0.4.10.9908062229450.18112-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Bill,

The way most radio instalations handle going from the radio
to the very stiff hard line is with a small dia "jumper"
that is also hard line but made to bend with ease.

With coax on HF it makes life easy if you use RG58 jumpers
to go to the RG8 feedlines.

The jumper can also be the Xover from BNC to UHF.

I have seen BNC connectors for RG8 but have never tried
to buy any.

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Fri, 06 Aug 1999 22:44:03 -0700
From: Scott Gregson - KC7MAS <emtech@steadynet.com>
To: qrp-l <qrp-l@lehigh.edu>

Subject: [46991] diodes on charging setup
Message-ID: <37ABC7A3.AD56B981@steadynet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have a little motor that I am running on a gel cell. I have put a coax connector inline to charge the battery. I would like to run the little motor with the adapter and also charge the battery. The coax jack has a NC switch on the negative side. I put a diode (a 1N4103) across the NC connection (cathode toward external supply) to allow current flow to the battery when the external power supply is plugged in (motor runs also if switched on).

Is there a better way to put the diode, positive side etc?

--
Scott Gregson - KC7MAS
emtech@steadynet.com
<http://emtech.steadynet.com>
+++++
Scott Gregson Co. / Emtech / CFC
1127 Poindexter Ave W
Bremerton, WA 98312

Date: Fri, 6 Aug 1999 23:47:02 -0700
From: "Bill Todd" <bill@willapabay.org>
To: <sslyon@worldnet.att.net>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [46992] Re: Spam -has anyone noticed....
Message-ID: <000401bee0a0\$a8617120\$a9added1@bill>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>-that the "remove" addresses at the bottom don't work? Could it be... oh
>no... that they are intentionally that way? What can be done? -s-

Hi Seab' -

Someone once told me that asking to be removed from a spam e-mail list only

CONFIRMS

your e-mail as being accurate.

I don't know if that is true or not, but it does kind of make sense.

CUL, Bill-N7MFB

Date: Sat, 7 Aug 1999 08:29:27 EDT
From: RobCap@aol.com
To: qrp-1@lehigh.edu
Subject: [46993] For Sale: Ten Tec Argonaut 515 and/or Notch Filter
Message-ID: <f36a3f79.24dd80a7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'm thinning out the huge pile of radio equipment in my shack, and have reluctantly made the decision to let the Argo 515 go. I also have the matching notch filter, and I will sell it as a set, or separately.

The (very hard to find, but not quite "rare") Argonaut 515 is in excellent condition. It's fully operational, and is 9.5 out of 10 condition. The receiver sounds great, and puts out plenty of audio. The transmitter puts out full power. Price is \$425 plus \$10 UPS ground shipping insured (within Continental US).

I also have the matching 208A Notch, CW filter. This comes in the matching (dark gray or black) case, along with accessory cord which plugs into the back of the 515. Price is \$135 plus \$5 shipping.

I will sell the pair for \$550, and I will throw in the shipping.

Will ship upon receipt of personal check or money order.

73,

Rob, W3DX

Date: Sat, 7 Aug 1999 06:38:50 -0600
From: "Rod Cerkoney" <rcw@frii.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [46994] Power Supplies

Message-ID: <002301bee0d1\$cf3e35e0\$3d8611d8@compaq>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Folks:

I see that Mouser has "open frame" 12V switching power supplies. Cat 398, page 258.

They measure 3x5x1.5 some a little smaller, some a little bigger, and a variety of current ratings useful for QRP rigs. The biggest one, 552-PSA-6A-112, 5A costs \$34.80. There is also a 15V supply that looks interesting for supply & batt charging apps. Does anyone have experience with these units?

Yes I know switchers can be noisy, but these are open frame units that could be built into a nicely shielded case.

72/3 Rod, NØRC

da di dah

Date: Sat, 7 Aug 1999 00:03:34 -0400

From: "Armin Hachmer" <armin@muskoka.com>

To: "qrp-1" <qrp-1@Lehigh.EDU>, <qrp-canada@lists.gpfn.sk.ca>

Subject: [46995] spark gap audio and spiders

Message-ID: <000301bee0d5\$1e8d86c0\$26afd4c7@muskoka.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

oops. forgot to include the site:
www.sanduskyohio.com/lectrokit

Date: Sat, 7 Aug 1999 07:02:33 -0600

From: "Rod, NØRC" <rwc@frii.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [46996] GAME OVER! Was INFO: National Park Sprint/Contest
Message-ID: <00af01bee0d5\$21ae9ce0\$3d8611d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just TOO many things to do around the new QTH, not the least of which is landscaping, UGH! So I've canceled my Parks contest plans for this year.

Maybe a few hours for the NA QSO party after dark.

----- Original Message -----

From: Rod Cerkoney <rlwc@frii.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Thursday, August 05, 1999 1:55 PM
Subject: INFO: National Park Sprint/Contest

> Folks:

>

...

> My plan is to go to RMNP and set up at the Lava Cliffs parking area,
> ~12kft elevation. WX has been bad so we'll see. I'll work from the
tailgate

...

Date: Sat, 7 Aug 1999 07:25:18 -0600
From: "Rod, N0RC" <rlwc@frii.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: "Ed Loranger" <we6w@qsl.net>
Subject: [46997] Re: BNC Connectors
Message-ID: <001b01bee0d8\$559c0a80\$3d8611d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Folks:

I think Ed, WE6W, mentioned that the S0-239 had an advantage over the BNC bulkhead mounts that required a "D" hole. I saw in Mouser 2 different BNC "panel mounts" were available, 4 screws holes to mount it just like an S0-239.

Cat #598

pg 127 RFX BCN, 523-31-203-RFX: \$3.82 each, \$2.89 in lots of 10.
pg 132 BNC, 161-9320: \$2.15 each, \$2.00 in lots of 10.

72/3 Rod, N0RC
da di dah

Date: Sat, 7 Aug 1999 09:48:46 -0400
From: mailbox-gaskins <pgaskin@imcnet.net>
To: qrp-l@lehigh.edu
Cc: pgaskin@imcnet.net
Subject: [46998] Battery Question
Message-ID: <199908071348.JAA06300@ns1.imcnet.net>

Dear Battery Guru's,

I have a large 12v deep cycle battery that has been acting strangely lately. After charging it last week to 12.9v (the highest my charger will charge it) I got on the air with my 706 and after an hour or so the other stations reported my audio was beginning to distort, especially after 30sec. of gabbing. I then checked the voltage to find that under tx load it had fallen to 11.8v and rx load was at 12.28v.

Is my battery on it's way out? It worked fine the last 6 months and all of a sudden problems!

I have been without a power supply until recently and have used the battery exclusively for the last 6 months. The battery is 2yrs old and always kept in my shack unless I am camping and running portable qrp. Can I save it???

It is the lead-acid type and the water level is over the cells.
Thanks for the bandwidth.

72

Pete

N2PG

pgaskin@imcnet.net

Date: Sat, 07 Aug 1999 09:23:35 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: pgaskin@imcnet.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [46999] Re: Battery Question
Message-ID: <37AC4167.EAEDC41B@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

You didn't mention the conditions under which the battery was charged to 12.9 volts, but if that was the terminal voltage with the charger connected and working, that is your problem. A lead/acid storage battery requires a voltage in the 14 to 15 volt range to effect a full charge. Sounds like your battery is still "good" but is just reacting normally to a partial charge followed by a partial discharge.

Since you have had normal operation for some months, what you are seeing may be the end result of a long sequence of partial charges and discharges that has slowly worked downhill to the point that your usual charging procedure no longer produces sufficient charge to last as long as you would want.

Get or borrow a "regular" charger and apply it and then see how things work. It may take a few charge/discharge cycles to get the battery stabilized again.

On the other hand, if the above doesn't solve the problem, then your battery is probably "on the way out." But I would bet on inadequate charging and would tackle that before springing for a new battery.

72/73, George AMA 98452 R/C since 1964

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

Date: Sat, 07 Aug 1999 08:28:33 -0600
From: "William R. Colbert" <af852@rgfn.epcc.edu>
To: sslylon@worldnet.att.net, qrp-l@lehigh.edu
Subject: [47000] Re: O.T. : Spam -has anyone noticed....
Message-ID: <37AC4291.7D1DA6A5@rgfn.epcc.edu>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Recently I have been getting a bunch of spam thru Juno - which used to be an extreme rarity, but by forwarding the offending mail complete with the headers to their abuse@Juno.com, their response is very fast. (and I think it is the same with other providers). Below is a portion of their return message after sending the spam to the abuse address - I send it along for the url's contained therein. Hope it may be helpful - I didn't know there were sites for the removal of spam.
quoted from abuse@Juno.com
There are several informative websites dealing with reading message headers and reporting spam. If you would like to learn how to report spam to the correct domain, see How to Complain to the Spammer's Provider (<http://spam.abuse.net/spam/howtocomplain.html>); for detailed information on headers and spam-fighting tools we recommend the Spam-L FAQ (<http://www.ot.com/~dmuth/spam-l>).

73 Ray

-

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Sat, 07 Aug 1999 09:37:58 -0500
From: The Boices <boice@bigfoot.com>
To: k5zty@juno.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [47001] re: BNC Connectors
Message-ID: <3.0.6.32.19990807093758.00920ec0@pop.netzero.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 19:36 99/08/06 -0500, k5zty@juno.com wrote:
>Is a BNC connector available for RG8 coax?

I've seen them at the TechAmerica (soon to be radioshack.com) store in Denver, and so would assume they're in their printed and on-line catalogs as well.

72,

Mike Boice, KW1ND
Canyon TX

QRP-L # 576 ARCI ARS # 188 K2 # 185

NetZero - We believe in a FREE Internet. Shouldn't you?
Get your FREE Internet Access and Email at
<http://www.netzero.net/download/index.html>

Date: Sat, 07 Aug 1999 10:55:11 -0400
From: olyellr@iglou.com
To: qrp-l@lehigh.edu
Subject: [47002] DX QSL Question (QRP)
Message-ID: <3.0.5.32.19990807105511.007d4100@pop.iglou.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

My question is for the experienced QRP DX'ers out there.

I'm working towards DXCC running QRP only, and all of my operating now is DX for the most part.

When I work stations in pileups, etc., where the goal is to get the contact and get out, I don't/won't send /QRP for obvious reasons. It wastes everybody's time and who cares. Occasionally I've sent "QRP HR" with my report, but 9 times out of 10 I just drop my call and keep my report brief. In pileups under rough cndx's my call's long enough without adding /QRP, hi.

I'm not talking about typical DX qso's where a couple of rounds of exchanges might take place and there's time to exchange pwr, rig, etc.

My question is, will most stations and/or their managers recognize my cards that are printed "AF4LQ/qrp" even though I sent/called AF4LQ only?

I'd appreciate any input from you guys more experienced than me. I 've worked 83+ countries (49 individual) since June 1st and have a lot of of cards to get out. Some are going through the ARRL outgoing buro, but a lot will go direct or to managers with "greenies" attached, and I hate to have them returned or have to resend them. I do have cards without the /qrp, but

I'd like to have that on the return.

Many thanks es 73,
Mike L.

de AF4LQ
99% CW OP....for the pure JOY of it!
<http://members.iglou.com/olyellr/>

Date: Sat, 7 Aug 1999 08:59:11 -0600 (MDT)
From: af852@rgfn.epcc.edu (William R Colbert)
To: qrp-l@lehigh.edu
Subject: [47003] CW-xtals
Message-ID: <199908071459.IAA27075@rgfn.epcc.edu>

The below listed quote was posted on the ARRL letters yesterday
and also on the glowbugs list and is resent for those that
are not aware:

This following showed up in the weekly ARRL email
message of happenings. Its posted FYI.

* C-W Crystals orders returned: C-W Crystals of Nevada, Missouri, has
closed
its doors and may be sold following the sudden death of its proprietor,
John
Morris, N0ACS. Morris was 59. In the meantime, Morris' long-time
companion,
Marilyn Selvey, KB0RTO, reports that she has returned all orders and
refunded all money. She reports that Morris did not have crystals in
stock
and processed orders as they arrived, so she is unable to fill any
orders.--Marilyn Selvey, KB0RTO

--
Ray Colbert, W5XE
OOTC 3618, SOWP 1064M
El Paso, Tx (FAR WEST TEXAS!)
also: w5xe@juno.com

Date: Sat, 07 Aug 1999 11:04:08 EDT
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [47004] Parks event...
Message-ID: <19990807.095458.4767.1.N5IB@juno.com>

W5YW, the LSU club station, will be operating from Highland Road Park, site of Baton Rouge's BREC/LSU/BRAS (Baton Rouge RECreation and parks comm, Louisiana State University, Baton Rouge Astronomical Society) Highland Road Park Observatory. 20 and 40 m, maybe some 15.

Probably not on the air 'till after 1730 Z.

72,

Jim N5IB, trustee of W5YW

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Free software, free e-mail, and free Internet access for a month!
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Date: Sat, 7 Aug 1999 09:41:47 -0600
From: "Rod, N0RC" <rlw@frii.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [47005] RFI: OUTbacker ANT
Message-ID: <000501bee0eb\$5f6762e0\$a98611d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Folks:

I'm giving serious thought to buying an OUTbacker Outreach with the AlphaDelta mounting tripod. Anybody have experience with this setup?

Seems like a good (although expensive) way to get an outside ant quickly, (or remove it just as quickly) in my deed restricted neighbor hood.

72/3 Rod, N0RC
da di dah

Date: Sat, 7 Aug 1999 11:45:19 -0400
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [47006] Signals on 7040
Message-ID: <19990807.114529.-79367.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

To whom this concerns,

Be assured this not to critique any single person.

This is an offer to help.

To speak about the unknown or
from half truths hurts the hobby and
ham radio is to valuable and
PSK31 is too NEW and too GOOD
for this kind of elevation.

While I compose this post. . .
there are several "digital" signals at 7-040 (+/-) right now,
many are CW, some /qrp, a PSK31, two are not PSK31,
a couple are tuning (for min VSWR), several calling CQ,
most are established in QS0.

PSK31 is the ****continues**** whine (not periodic) (with no nulls or
interrupts),
the "others" are periodic, all are within their frequency and
BW limits and the CW stations are having no problem.

Yes, I just copied and printed all the above,
with a 3 kHz BW (SSB mode) no problem, imagine,
what could be done with an 800 Hz BW and
just a **slight** (insignificant) QSY.

Say thank you for that BW not fuss about it.

Thank you!

John
N3AAZ
FM19xa

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Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sat, 7 Aug 1999 10:48:02 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [47007] Filtering Wall Warts
Message-ID: <004c01bee0ec\$628d1770\$6f67d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

I have around a bazillion (10^{99} :^) Wall Warts hanging around the shack, and I've decided that it's time to put a few of them to use. Unfortunately, I've notice that these things aren't filtered to well (if at all). What I'd like to do is filter these things and regulate them with a universal adapter (LM317 with some decent capacitance), and I was wondering if any one out there has a good rule of thumb for capacitance per amp. I've heard 2000uF per amp works, but in practice 3000-4000 per amp seems to work a heck of a lot better. I was also wondering if I should add an additional diode in circuit.

While we're at it, does anyone have any suggestions on filtering computer (switching) power supplies? I have a ton of these things laying around and want to put them to use. BTW, I'm familiar with Embedded Research's DC-to-DC converter and realize this is what I'm looking for as far as the Wall Warts are concerned. OTOH, I'm a "hands on" kinda' dude, and I rather build something like this myself.

As always, any help, schematics, web sites, etc., would be appreciated. TIA!

72/73,

Randy Jouett, AB5NI

Date: Sat, 07 Aug 1999 12:34:18 -0400
From: Ken Newman <N2CQ@citnet.com>
To: QRP-L@lehigh.edu, njqrp@njqrp.org
Subject: [47008] Universal Time Coordinated
Message-ID: <3.0.6.32.19990807123418.0080e210@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

There still exists some parts of the QRP world which uses local time references to events to be scheduled. The one recently came up when I posted a "QRP Contesting" calendar to this list, making a time confusion factor. A high percentage of hams worldwide, keep their station clock and log in UTC (Universal Time Coordinated). Doing so, we all are on the same page in the book so to speak. Some reasons to keep the station on UTC:

1. QSL cards... The likelihood of a reply you sent in EDT for example, are highly unlikely. The DX probably can't find you in the log unless you gave a UTC time.
2. Schedules... Do you want to schedule a station for a QSO for a new country or state etc? Chances are not good for it to happen unless it is arranged in UTC time (date too).
3. Contesting..... It is best to be at the party when everyone else is going to be there! If the host and the guest both aren't using UTC, both may be disappointed!

My QRP Contest Calendar IS be on UTC. By the way, 1700z or 1700 UTC are the same thing. (As is 1:00 PM EDT). If you aren't sure how to set your station clock in UTC time, it would be best to listen to WWV broadcasts on 2.5, 5, 10, 15 or 20 mhz (AM). The time given is in UTC. If your receiver doesn't cover the above frequencies in AM mode, you can get the time on your browser screen at:

<http://www.bldrdoc.gov/timefreq/javaclock.htm>

Even better, on that same webpage you can download FREE software to synchronize your computer clock to the NIST atomic clock (WWV).

PLEASE QRPers, set your ham world on UTC!

Ken Newman
Woodbury, NJ

<http://www.NJQRP.org>

N2CQ@ARRL.NET

~~~Club Callsign~~~  
WQ2RP

-----  
Date: Sat, 7 Aug 1999 09:39:06 -0700 (PDT)  
From: Monte Stark <ku7y@dri.edu>  
To: olyellr@iglou.com  
Cc: Low Power Amateur Radio <qrp-l@Lehigh.EDU>  
Subject: [47009] Re: DX QSL Question (QRP)  
Message-ID: <Pine.GS0.4.10.9908070934440.19741-1000000@rotor.dri.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Mike,

Your cards will come OK. Almost none of the DX stations will care or log your /QRP even if you had sent it! :-)

Your cards will come without being show as /QRP 99% of the time but that's OK.

Your call does not need to have /QRP after it to still count for the award.

And you are to be congratulated on not using /QRP in the pile ups!

Don't forget the DX contests as a source for new countries!

cul,

73, Ron,       SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----  
Date: Sat, 07 Aug 1999 16:45:22 GMT  
From: N3BJ <N3BJ@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [47010] Trade: Kenwood TS-130V HF QRP

Message-ID: <199908071645.LAA13679@x37.deja.com>

For Trade: Classic Kenwood TS-130V, full feature HF QRP rig, hard to find. I ended up with two, don't need both. Works fine, about a 9 out of 10 cosmetically. Original mike, original manual, DC power cord included

Possible trades(+/- cash): Drake TR7/A, TS-830S, unusual QRP rigs, ???.

Might consider outright sale if no acceptable trade offers.

Alan, N3BJ  
Bent Mountain, VA

-----  
Date: Sat, 07 Aug 1999 11:54:58 -0500  
From: "Joel Frederick Kluender" <nf9k@eudoramail.com>  
To: qrp-l@lehigh.edu  
Subject: [47011] RS BNC/Twisted Pair Balun?  
Message-ID: <KEGGONNMCKJKLAAA@shared1-mail.whowhere.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Fellow qrp'ers,

I just bought, on clearance at Radio Shack, their "BNC TO RJ-11 COAX ELIMINATOR FOR COMPUTING". It appears to be a 1:2 balun for 50 ohm coax to 100 ohm twisted pair in a LAN.

I expect that this is a fairly lossy device but for the 97 cents I paid it might be worth trying out as a QRP balun. I'm looking to build a 20M loop fed with a short length of twisted pair. I'd use the balun at the radio output.

Anyone on this list have experience with this unit? How lossy is it? It is Catalog # 276-1410.

Thanks,  
Joel NF9K

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-----  
Date: Sat, 7 Aug 1999 09:57:55 -0700 (PDT)  
From: Monte Stark <ku7y@dri.edu>  
To: Ken Newman <N2CQ@citnet.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [47012] Re: Universal Time Coordinated  
Message-ID: <Pine.GS0.4.10.9908070950270.19741-1000000@rotor.dri.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 7 Aug 1999, Ken Newman wrote:

>  
> 1. QSL cards... The likelihood of a reply you sent in EDT for example,  
> are highly unlikely. The DX probably can't find you in the log  
> unless you gave a UTC time.

Right on!!

I have thrown away many cards over the years that were done  
using whatever their local time/date was!

One other note..... The world does not do everything the same  
way..... 2/5/99 means Feb 5, 99 in some parts and 2 May 99 in  
other parts!

All cards I get with all numbers for the date go to the bottom  
of the stack and I get to them when I feel like playing guessing  
games! :-)

If you use the form.... 2 May 99 everyone all over the world  
can understand it! :-)

The above two items can increase you QSL return rate a BUNCH!

(And NO, you don't have to do it like that, but it does help!)

> 3. Contesting..... It is best to be at the party when everyone else is going  
> to be there! If the host and the guest both aren't using UTC,  
> both may be disappointed!  
>

Plus when the logs are checked you may well be DQed because you  
are not in the other logs when you say you should be!

Clocks are cheap..... I keep one on local time and one on GMT. And I no longer even need a chart to go from GMT to Zulu to UTC! :-)

Thanks Ken, good subject and post.

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----  
Date: Sat, 7 Aug 1999 13:15:20 -0700  
From: Robert P Engelman <rengelwb8uoj@juno.com>  
To: qrp-l@lehigh.EDU  
Subject: [47013] Antennas  
Message-ID: <19990807.132017.-138413.0.rengelwb8uoj@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hello to all

I'm having no luck at all with getting a contact with my QRP transciever. Could there be a problem with my antenna / feed line???.. I'm getting about 10 watts out of the rig and have a 1.5 SWR on a 40 Meter dipole. The question / problem is this.... My feed line is RG-8 MINI and there is 100 feet of it to get to the dipole which is 10' up. Would there be enough line loss in this to cancel out most or all of my output power ???.. A week or so ago there was discussion on making a ladder line with mini-blind slats or weed whip line. If I make some ladder, do I need to use a balun ??? if so what type ?? ANY help or responses would be greatly appreciated.

Thanks

Bob WB8UOJ

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.  
-----

Date: Sat, 7 Aug 1999 12:53:23 -0500  
From: Jeff Davis <jeff@n9avg.org>  
To: QRP-L List <qrp-l@lehigh.edu>  
Subject: [47014] Re: DX QSL Question (QRP)  
Message-ID: <19990807125323.B12393@n9avg.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Quoting Monte Stark (ku7y@dri.edu) [990807 09:39]:  
> Your cards will come OK. Almost none of the DX stations will care  
> or log your /QRP even if you had sent it! :-)  
> Your cards will come without being show as /QRP 99% of the  
> time but that's OK.

A bit off topic perhaps, but we really need some QRP QSL cards made up similar to what FISTS does to promote themselves....

--  
72 de Jeff, N9AVG

-----  
Date: Sat, 07 Aug 1999 12:58:58 -0500  
From: "M.Pender" <steam@megsinet.net>  
To: renglelwb8uoj@juno.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [47015] Re: Antennas  
Message-ID: <003601bee0fe\$86e19bc0\$95d2d6d8@megsinet.net>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Bob. I'm not sure what rg-8 mini is. Are you referring to rg-58?  
RG-8 has extremely low loss at 40 meters. You should have almost  
NO loss on your power from the coax.

The first things you should check would be the pl-259 connectors, then the actual connection you have at the dipole itself. Wind movement seems to love breaking solder connections in the air. You may find that you only have HALF of a dipole working!! I've had this happen on a few occasions where I have ladder line soldered to coax braid for a G5RV. The tuner still showed a good match, so is not a good indication of actual antenna performance!!

If all connections look good, I'd replace the coax with some rg-213 or rg-8.  
You should use a 1/1 balun at the dipole if you use coax to feed it. All the radio

450 ohm ladder line is dirt cheap. Don't waste your time making it!!  
If you decide to feed the dipole with ladder line, I believe you'll want to use  
a 4:1 balun for the impedance mismatch between the 450 ohm ladder line  
and the 50 ohm dipole. Someone may correct me if this is wrong.

[illegible]

DAY/MONTH/YEAR    HOUR/MINUTE    UTC    (aka Z)



--

/joel K1QM Concord, MA  
QRP-L 337, QRP-ARCI 9305

-----

Date: Sat, 7 Aug 1999 13:52:32 -0500 (CDT)  
From: ac5ez@webtv.net (Larry B)  
To: qrp-l@Lehigh.EDU  
Subject: [47017] Re: Antennas  
Message-ID: <633-37AC8070-12992@postoffice-111.bryant.webtv.net>  
Content-Disposition: Inline  
Content-Type: Text/Plain; Charset=US-ASCII  
Content-Transfer-Encoding: 7Bit  
MIME-Version: 1.0 (WebTV)  
Content-Transfer-Encoding: 7Bit

Baluns are a waste of time and money when using a coax fed , resonant  
40m dipole . All it adds to the system is weight.  
K1zw

-----

Date: Sat, 07 Aug 1999 14:52:04 -0300  
From: KD1YV <jimkd1yv@snet.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [47018] Re: Universal Time Coordinated  
Message-ID: <37AC7244.D0BCAE96@snet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

{snip}

> WWV broadcasts on 2.5, 5, 10, 15 or 20 mhz (AM). The time given is in  
> UTC. If your receiver doesn't cover the above frequencies in AM mode,

You can also listen to CHU (the Canadian version of WWV) at 7335. If  
your receiver doesn't have AM, either SB should be usable, just tune  
accordingly.

{snip}

--

73 de Jim, KD1YV      <http://www.qsl.net/kd1yv/>      QRP-L #1989  
Emergency Coordinator, Bethel, CT : Bulletin Manager, CT Section, ARRL  
Y2k isn't the programmers' fault. It was caused by  
the Business Managers trying to save a few bux.

-----  
Date: Sat, 7 Aug 1999 11:57:52 -0700 (PDT)  
From: Brad Bradfield <b\_bradfield@yahoo.com>  
To: Message posts for QRP-L <qrp-l@lehigh.edu>  
Subject: [47019] FS: KEYER/PADDLES  
Message-ID: <19990807185752.20425.rocketmail@web208.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Hello y'all from the land of the forever sun! (that's Texas! 105+F  
today!):

I have for sale a Ten-Tec KR-20 keyer with built in paddles. This is  
an older keyer with a built in AC power supply, and while it has a dual  
lever paddle, the keyer itself is not iambic. The keyer does work,  
however, and the paddles could easily be used with an iambic keyer,  
either external, or replacing the existing Ten-Tec keyer. Please note  
that this is not a Ten-Tec KR-20A, which had a single lever paddle. I  
have the instruction sheet for the KR-20A, but the electronics portion  
of the keyer do not appear to be the same. You can get the KR-20  
instructions from Ten-Tec if you want them.

I bought this from someone on the list a year or so ago, for a project  
that I ultimately decided not to do. Too many projects to start a new  
one. (None of you have problem, do you??) I'll sell it for just what  
I have in it, \$35.00 plus \$5.00 Priority shipping inside the US.  
Shipping outside the US will be at the actual cost, whatever that turns  
out to be. First e-mail response gets it. Money order preferred,  
personal check must clear the bank before shipping.

Oh, well.

72's es 73's,

Brad, W5CGH

===

Brad Bradfield, PE  
W5CGH (ex WB0CGH)

Systems Engineer  
Raytheon Systems Company

Real men talk with their fingers!!

NORTEX      QRP-L #377      QRP-ARCI      SMIRK #4906  
ARS #72      NORCAL      Austin QRP Club #e

-----  
Do You Yahoo!?

Bid and sell for free at <http://auctions.yahoo.com>

-----  
Date: Sat, 07 Aug 1999 13:06:38 -0600  
From: Roy <marion@montana.com>  
To: qrp-1@Lehigh.EDU  
Subject: [47020] WTB: Ten Tec 206A calibrator  
Message-ID: <199908071905.NAA05630@mail.montana.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

wanted: ten tec 206A calibrator. tnx roy ab7ce

-----  
Date: Sat, 07 Aug 1999 12:09:35 -0700  
From: Jeff Grudin <grudin@pacific.vdbs.com>  
To: olyellr@iglou.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [47021] Re: DX QSL Question (QRP)  
Message-ID: <37AC846F.18F0E537@vdbs.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Mike,

Consider this:

QRZ....W6CF  
    AC6KW  
    JA1GD  
    AL4LQ/QRP

DX HRS \*\*\*\*\*/qrp \*\*\*\*pileup noise

DX responds: /QRP ?

I have found that sometimes it helps to add the QRP because it take a little longer to get it out and the Dx will hear it after the noise of the pileup starts to wane. I have had many times when it made the difference. Also wait a second after the pileup begins calling before you start sending yours.

Try it sometime when you are having trouble getting through.

I have found that even though I have recorded /qrp in my log (ie. they responded to /qrp) many do not put it in their log and it does not appear on the QSL even though my QSL had it on it. Many will however and it is worth trying.

I tried on my logging program to find a record that didn't have /QRP after it when it was entered in the search parameter, and it didn't find the record without it. So I suppose this might be a problem if the DX doesn't put some thought into it, which he/she might not. At the least it would delay the return of your card.

Good luck.

--

73 de AC6KW <mailto:grudin@vdbbs.com>  
Jeff Grudin, DVM Web Add: <http://www.vdbbs.com/~grudin>  
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California  
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

-----

Date: Sat, 07 Aug 1999 14:15:09 -0500  
From: Glen Reid <k5fx@flash.net>  
To: malman@world.std.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [47022] Re: Universal Time Coordinated  
Message-ID: <37AC85BD.25FF726F@flash.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit  
Content-Transfer-Encoding: 8bit

There is a new ISO worldwide, numbers only, date standard.

The format is YYYY-MM-DD. Today is 19990807. Largest unit to smallest unit is a good way to remember.

You can read all about it at: <http://whatis.com/isodatef.htm>

I believe there is an ISO time format standard also, but I am not familiar with it.

I have started to use the ISO YYYY-MM-DD format. I recommend it, it will simplify your life.

73 es gud dx

gr

--

GLEN REID  
K5FX/M BGF

Austin...in the beautiful hill country of TEXAS...

Austin QRP Club # Pi

Email: k5fx@arrl.net

-----  
Date: Sat, 07 Aug 1999 14:21:24 -0500  
From: Glen Reid <k5fx@flash.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [47023] Re: Universal Time Coordinated  
Message-ID: <37AC8734.24D7B05A@flash.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit  
Content-Transfer-Encoding: 8bit

Glen Reid wrote:

>  
> The format is YYYY-MM-DD. Today is 19990807.

Oops, obviously today is 1999-08-07, in ISO format.

73

gr

--

GLEN REID  
K5FX/M BGF

Austin...in the beautiful hill country of TEXAS...

Austin QRP Club # Pi

Email: k5fx@arrl.net

-----  
Date: Sat, 07 Aug 1999 15:30:21 -0400  
From: Ted Beach <k4mkx@netzero.net>  
To: k5fx@flash.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [47024] Re: Universal Time Coordinated  
Message-ID: <37AC894D.32F66757@netzero.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Glen Reid wrote:

>  
> There is a new ISO worldwide, numbers only, date standard.  
>  
> The format is YYYY-MM-DD. Today is 19990807. Largest unit to smallest  
> unit is a good way to remember.

When I was working (many years ago, now!) we used just this sort of format for date-codes on publications. Of course, we were not Y2K aware in those days, so we used just 6 digits ala 990807. We always knew that bigger numbers meant later editions, so everyone was happy!

Ted Beach

-----  
NetZero - We believe in a FREE Internet. Shouldn't you?  
Get your FREE Internet Access and Email at  
<http://www.netzero.net/download/index.html>

-----  
Date: Sat, 7 Aug 1999 14:36:50 -0500  
From: "Nick Kennedy" <nkennedy@cswnet.com>  
To: <rengelwb8uoj@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [47025] Re: Antennas  
Message-ID: <002001bee10c\$32c0b5e0\$337154d8@big>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Bob,

I think the problem is not with the 100 feet of coax but with the dipole 10 feet up. Can't you get it higher? If not, maybe a vertical is the answer.

72,

Nick, WA5BDU

.  
>I'm getting about 10 watts out of the rig and have a 1.5 SWR on a 40  
>Meter dipole. The question / problem is this.... My feed line is RG-8  
>MINI and there is 100 feet of it to get to the dipole which is 10' up.

-----  
Date: Sat, 7 Aug 1999 14:59:27  
From: "Henry Knoll" <knoll003@tc.umn.edu>  
To: qrp-l@lehigh.edu  
Subject: [47026] Panel Markings  
Message-ID: <iss.5170.37ac9016.ef75d.1@amethyst.tc.umn.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

What are people using to make the artwork for panel markings for  
homemade gear please?

Is there any good freeware, shareware, or low cost programs for use in  
drawing dial markings, lettering, meter faces etc? Are there any with  
some of these markings already in an file to pick from ? Also, are there  
tricks people use to transfer the artwork from the computer to the panel?  
I've tried printing on paper and "gluing" the paper on the panel using  
rubber cement, but the rubber cement shows through and doesn't look very  
good.

73/72

Henry WA0GOZ

-----  
Date: Sat, 07 Aug 1999 15:03:37 -0500  
From: Dave Sjolín <sjolin@swbell.net>  
To: renglewb8uoj@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [47027] Re: Antennas  
Message-ID: <37AC9118.9FE634A@swbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Robert P Engelman wrote:

> I'm having no luck at all with getting a contact with my QRP  
> transciever. Could there be a problem with my antenna / feed line???..  
> I'm getting about 10 watts out of the rig and have a 1.5 SWR on a 40  
> Meter dipole. The question / problem is this.... My feed line is RG-8  
> MINI and there is 100 feet of it to get to the dipole which is 10' up.  
> Would there be enough line loss in this to cancel out most or all of my  
> output power ???.. A week or so ago there was discussion on making a  
> ladder line with mini-blind slats or weed whip line. If I make some  
> ladder, do I need to use a balun ??? if so what type ?? ANY help or  
> responses would be greatly appreciated.

Bob, when do you operate? With your antenna only ten feet up, most of your signal is going directly overhead. If you attempt to use such an antenna after dark, especially late at night, you will likely have little success. Most of the signals will be coming in at relatively low angles of radiation (under 40 degrees) and your antenna will be favoring signals coming in at much high angles (like 70-80 degrees). Your antenna would affectionalely be referred to as a "Cloud Warmer."

If you cant get the antenna up any higher, even at one end, you might want to check qrp-l archives for NVIS. There are particular times of the day when low antennas such as yours really are optimum for certain paths. They are almost always good for consistent signals over relatievly short distances (I believe a couple hundred miles).

Have you ever had a qso with a local ham to confirm that your transmit signal is properly offset from your receive signal. Its possible to have your transciever set up so that you are actually transmitting several khz away from where you think you are. Way to confirm this is set up sked with a local or listen for yourself on a second receiver and confirm that you are on frequency.(Make sure antenna is not connected to second reveiver and that gain control is turned down.)



Unless you are using coax smaller than RG-58U (RG-174U? I forget what the stuff is called - I rarely use anything smaller than 9913) your feedline is not likely to be problem, especially on 40 meters, unless its shorted and if it were your swr wouldnt be 1.5:1.

How about your operating habits. DO you call cq or answer stations calling cq? If you answer others, how often are you the only station calling? Everything else equal, if you have someone with 100 watts calling also, guess who the other guy is likely to come back to. Are you operating in Novice band? Are you calling stateside or dx? If your calling dx on 40 you're likely going to have some competition. Many newer hams are likely to be uncomfortable working weak signals and may not answer your cq or be hesitant to come back to your reply to their cq since they feel they wont be able to copy you. If you can get down near 7040, you will find plenty of people who are used to pulling weak signals out of mud.

If you would like me to listen for you, let me know. Im in St. Louis so I could probably hear you late afternoon on if you are in Michigan or Ohio.

Dont give up. You will find an answer.

73 de Dave, N0IT

-----  
Date: Sat, 7 Aug 1999 15:15:44 -0500  
From: Kenneth R Wezeman <n9qil@juno.com>  
To: qrp-l@Lehigh.EDU  
Subject: [47028] National Parks Scores  
Message-ID: <19990807.151545.-304087.0.N9QIL@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

For those of you who participated in the Parks event this afternoon (I hope you did better than I did) - you can post your scores by e-mailing me at:

parks@alassociates.com

I will compile them and post them to QRP-L. DO NOT POST YOUR SCORE AS A REPLY TO THIS MESSAGE. Please use the above address.

Thanks es 73,

Ken Wezeman, N9QIL - Mishawaka, IN

QRP ARCI #8191; QRP-L #1416; AK QRP #379

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Sat, 07 Aug 1999 15:23:19 -0500  
From: Wes Spence <ac5k@ih2000.net>  
To: qrp-l@Lehigh.EDU  
Subject: [47029] Maintaining QRP Motivation  
Message-ID: <37AC95B7.66E1@ih2000.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Honorable Gang:

I was driving down the street and saw one of those RVs with the US map colored in with all of the states they had visited. That gave me an idea-- After completing my DSW-20, I copied the US call area from NA5N's book (sorry Paul) and have colored in all the states I have worked with the new rig. It really is a motivator to hunt the missing states to color and it also makes an effective tool for QRP demonstrations. When you are asked what you can really work with \*that\* little thing, showing them the colored in map really gets the point across. Just food for thought.

73, 72, Wes, AC5K

-----  
Date: Fri, 6 Aug 1999 22:50:06 -0500  
From: k5zty@juno.com  
To: qrp-l@lehigh.edu  
Subject: [47030] re: ZM2 calibration experiments  
Message-ID: <19990807.152310.6614.0.k5zty@juno.com>

Guys,

The article by Charles Lofgren, W6JJZ, in the July '95 QRP Quarterly is a pretty good explanation of the Z Match circuit and how it came to be. I built one from that article and it tunes everything that I hook up to it.

All the calibration that I have ever done was done with the 2 knobs on the front of it.

Bill, K5ZTY

Houston, TX

---

Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

---

Date: Sat, 07 Aug 1999 16:29:20 -0400  
From: Francis Flynn <fflynn@together.net>  
To: bill@willapabay.org, qrp-1@lehigh.edu  
Subject: [47031] Re: Spam (OFF TOPIC)  
Message-ID: <37AC971E.C184B778@together.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Sorry for the off topic post, but I thought this might clear up some questions and maybe put this thread to rest.

If you really want to do something about spam, keep in mind that sending of spam is clearly against the AUP(acceptable use policy) of most ISP's (internet service providers) and if you contact the provider's abuse department, which is most always abuse@<originating.domain>, they are often glad to hear from you and will sometimes close an account.

What you can do is forward the entire email with complete headers, adding no comments to 'abuse@<domain.name>'. When I do this I will often get two replies, the first being an automated reply with a case number, then if the account was thiers and was sending spam and has been appropriately dealt with, I sometimes get another response a day or so later to that effect. If you don't have the full header to send along, then there isn't a lot that a sys admin can do with it anyway, in that case just delete the email.

The trick is to know where the spam came from. To determine exactly where the spam originated, set your email client to allow you to view full headers. In Netscape, you can click on 'view', 'headers', 'all' to see the full header. Spammers often fake the header in order to convince you that it came from someplace other than where it actually came from. The field labled 'received' at the bottom

of the partial header

below is the first step along the path, so the header below was sent from  
www.kxz.com.kw

Each stop along the way appends to the header above the existing header. I  
think ''milly''  
is the name of a computer.

If you need to find out if a domain name is for real or not, you can do a  
''whois'' on the  
name. There are several whois services offered on the web, if you don't have  
access  
to a shell account or have whois on your own system. Here is one I found using  
altavista, ''http://support.best.com/domain.html''. As the name would imply,  
it tells  
you who they is!

I I have closed down a few email accounts this way. Spam, aside from being  
irritating,  
does cost providers money and eats up thier bandwidth. So, a provider is  
usually very  
interested in knowing about a problem. Even though this is an actual header,  
the names and  
IP's have been changed to protect the innocent or guilty as the case may be.

Received:

from mx03.yoyo.net ([xxx.xx.120.63]) by -0400 EDT ;  
Tue, 03 Aug 1999 20:43:52 -0400 EDT

Received:

from www.kxz.com.kw (www.kxz.com.kw  
[xxx.xxx.220.2]) by mx03.yoyo.net (8.9.3/8.9.3) with  
ESMTP id UAA00245 for <joeblow@yoyo.net>; Tue, 3  
Aug 1999 20:45:07 -0400 (EDT)

Message-ID:

<199908040045.UAA00245@mx03.yoyo.net>

Received:

from milly ([xxx.xxx.219.105]) by www.kxz.com.kw  
(Netscape Messaging Server 3.01) with ESMTP id 481;  
Wed, 4 Aug 1999 04:17:09 +0100

-----

Date: Sat, 7 Aug 1999 15:42:31 -0500

From: "Kelly Ellison" <kelman@dialnet.net>

To: <ac5k@ih2000.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [47032] Re: Maintaining QRP Motivation

Message-ID: <199908072043.PAA19919@dialnet.net>

MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Wes,

Neat Idea... there is some WAS software somewhere that does just that. I think it's shareware. Saw it a few years back.

73,

Kelly Ellison  
WB0WQS - Aurora, MO

-----  
> From: Wes Spence <ac5k@ih2000.net>  
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
> Subject: Maintaining QRP Motivation  
> Date: Saturday, August 07, 1999 3:23 PM  
>  
> Honorable Gang:  
>  
> I was driving down the street and saw one of those RVs with the US map  
> colored in with all of the states they had visited. That gave me an  
> idea-- After completing my DSW-20, I copied the US call area from NA5N's  
> book (sorry Paul) and have colored in all the states I have worked with  
> the new rig. It really is a motivator to hunt the missing states to  
>

-----  
Date: Sat, 07 Aug 1999 13:53:52 -0700 (PDT)  
From: Charlie Lofgren <clofgren@BENSON.MCKENNA.EDU>  
To: k5zty@juno.com  
Cc: CLOFGREN@BENSON.MCKENNA.EDU, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [47033] re: ZM2 calabration experiments  
Message-ID: <Pine.PMDF.3.96.990807134229.379220A-100000@BENSON.MCKENNA.EDU>  
MIME-version: 1.0  
Content-type: TEXT/PLAIN; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

Bill--

Thanks for the testimonial! For anyone who wants it, I have the z-match article available by return email in a packet that also contains some

additional info. The material is also on K0JD's web page:  
[www.pconline.com/~rohrwerk/k0jd/z-match.html](http://www.pconline.com/~rohrwerk/k0jd/z-match.html)

Charlie, W6JJZ  
clofgren@mckenna.edu

On Fri, 6 Aug 1999 k5zty@juno.com wrote:

> Guys,  
> The article by Charles Lofgren, W6JJZ, in the July '95 QRP Quarterly is a  
> pretty good explanation of the Z Match circuit and how it came to be. I  
> built one from that article and it tunes everything that I hook up to it.  
> All the calibration that I have ever done was done with the 2 knobs on  
> the front of it.  
> Bill, K5ZTY  
> Houston, TX  
>

-----  
Date: Sat, 07 Aug 1999 16:49:48 -0400  
From: "The One and Only!" <mitch96@pobox.com>  
To: qrp-l <qrp-l@Lehigh.EDU>  
Subject: [47034] vibroplex bug for sale  
Message-ID: <37AC9BEC.6A609D22@pobox.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi gang,  
I was at Mike's Electronics in Ft Lauderdale today and was looking in  
the used rig dept. (like its that big of a place!!). Anyhoo, on the  
bottom of one of the shelves is a vibroplex bug. it is a newyork  
broadway edition. the chrome is ok and everything works, mechanically.  
it has a red and black paddle/knob on it. 35 BUCKS. this seems  
inexpensive to me. Im not a "bug" person but if someone is, go for it.  
His number is 954 491 7110

--  
73, mitch ww4ml  
lost in the ethers again..

-----

Date: Sat, 07 Aug 1999 17:16:17 -0400  
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>  
To: "njqrp@njqrp.org" <njqrp@njqrp.org>, "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>  
Subject: [47035] MRF904  
Message-ID: <37ACA221.E2209D1A@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

In the Norcal 20 mod notes, gary AB7MY references replacing Q7 with an MRF-904. I can't seem to locate information on this part. What am I missing??? Does anyone have a source for this part?

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

-----

Date: Sat, 07 Aug 1999 15:20:51 -0600  
From: "Karl B. Staddon" <ve6kbs@agt.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [47036] QRP Balloon in the Air Now  
Message-ID: <37ACA332.17A38310@agt.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

The Vernon Balloon Experiment has a crossband repeater in the air right now with tx power of 0.5 watts I believe. I am copying it in Calgary, AB (400-500km approx.).

Info on the balloon and the website are listed below. Northwest states and BC/AB should be able to copy it.

Cheers

Karl B. Staddon, VE6KBS, CALGARY, AB  
21:17Z August 7/99

<http://www.junction.net/norac/vbx/>

- 1) Crossband repeater - input 446.00Mhz, out 146.52 MHz.
- 2) APRS beacon - 144.39
- 3) SSTV transmitter - 146.52MHz

Note: Crossband repeater operation will be disabled for 38 seconds every 3 minutes when the SSTV image is sent.

Callsign used will be VE7VBX

The control station will be located at the Interior Space & Science Center and the call will be VE7ISS.

On August 7th if you can hear VBX-3, please send an email to  
ve7vbx@rac.ca.  
(Please limit message length to less than 120 characters)

-----  
Date: Sat, 7 Aug 1999 16:38:02 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: qrp-l@lehigh.edu  
Subject: [47037] PARKS  
Message-ID: <199908072120.RAA01302@moose.ncia.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

Just back from Miland Hill State Park. Hello? Anyone out there?

Was it just me, or was 20 and 40 pretty much dead? Made 2 contacts on 20, got poor reports from both stations. Coudn't rise anyone on 40. Oh well, least it was a nice day to be outside and was a tailgate set up. Nice views from the fire tower up top.

72,  
Steve, KD1JV in the white Mountains of New Hampshire  
"melt solder"

-----  
Date: Sat, 7 Aug 1999 15:32:35 -0600  
From: "Rod, NØRC" <rwc@frii.com>



To: <kd1jv@moose.ncia.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [47038] Re: PARKS  
Message-ID: <001101bee11c\$86de44c0\$5b8611d8@compaq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Steve:

I think it was the Bands. I checked from the home QTH & heard little.

Kinda glad I pulled the plug on my plan in favor of stay home & doing some landscaping. UGH 6.19 tons of rock to move, but hey I only got 6.10 left.  
;-)

---

72/3 Rod, N0RC (not melting solder today)  
^^ (Rock Carrier)

da di dah

----- Original Message -----

From: Steven Weber <kd1jv@moose.ncia.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Saturday, August 07, 1999 10:38 AM  
Subject: PARKS

> Just back from Miland Hill State Park. Hello? Anyone out there?  
>  
> Was it just me, or was 20 and 40 pretty much dead? Made 2 contacts on  
> 20, got poor reports from both stations. Coudn't rise anyone on 40.  
> Oh well, least it was a nice day to be outside and was a tailgate  
> set up. Nice views from the fire tower up top.  
>  
>  
> 72,  
> Steve, KD1JV in the white Mountains of New Hampshire  
> "melt solder"  
>

-----

Date: Sat, 07 Aug 1999 15:38:26 -0600  
From: "Karl B. Staddon" <ve6kbs@agt.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [47039] Re: QRP Balloon in the Air Now  
Message-ID: <37ACA752.D8B3006E@agt.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

At 21:35z the balloon is between Kamloops and Vernon, BC.  
To track its progress go to <http://maps.aprs.net/ve7vbx-11>.  
Karl B. Staddon, VE6KBS

"Karl B. Staddon" wrote:

> The Vernon Balloon Experiment has a crossband repeater in the air right  
> now with tx power of 0.5 watts I believe. I am copying it in Calgary,  
> AB (400-500km approx.).  
> Info on the balloon and the website are listed below. Northwest states  
> and BC/AB should be able to copy it.  
> Cheers  
> Karl B. Staddon, VE6KBS, CALGARY, AB  
> 21:17Z August 7/99  
>  
> <http://www.junction.net/norac/vbx/>  
>  
> 1) Crossband repeater - input 446.00Mhz, out 146.52 MHz.  
>  
> 2) APRS beacon - 144.39  
>  
> 3) SSTV transmitter - 146.52MHz  
>  
> Note: Crossband repeater operation will be disabled for 38 seconds every  
> 3 minutes when the SSTV image is sent.  
>  
> Callsign used will be VE7VBX  
>  
> The control station will be located at the Interior Space & Science  
> Center and the call will be VE7ISS.  
>  
> On August 7th if you can hear VBX-3, please send an email to  
> [ve7vbx@rac.ca](mailto:ve7vbx@rac.ca).  
> (Please limit message length to less than 120 characters)

-----

Date: Sat, 07 Aug 1999 16:43:54 -0500  
From: Goemans <[jgoemans@facstaff.wisc.edu](mailto:jgoemans@facstaff.wisc.edu)>

To: qrp-l@lehigh.edu  
Subject: [47040] re: DX QSL QRP  
Message-ID: <3.0.2.32.19990807164354.006a134c@facstaff.wisc.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi all,

Yes very rare, but I got my Campbell Island ZL9CI QSL(s) a couple weeks ago, one was made out to WA9PWP/QRP by hand. Very cool!

72, Paul

Paul Goemans WA9PWP  
1508 Sundt Lane Stoughton, Wi 53589

-----  
Date: Sat, 7 Aug 1999 14:51:08 -0700 (PDT)  
From: Brad Bradfield <b\_bradfield@yahoo.com>  
To: QRP-L@LEHIGH.EDU  
Subject: [47041] Re: FS: KEYER/PADDLES \*\*\*\*\*SOLD\*\*\*\*\*  
Message-ID: <19990807215108.15378.rocketmail@web201.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Hello y'all - -

The Ten-Tec keyer/paddles are asked for. Thanks for the great response.

72's es 73's,

Brad, W5CGH

===

|                    |                          |
|--------------------|--------------------------|
| Brad Bradfield, PE | Systems Engineer         |
| W5CGH (ex WB0CGH)  | Raytheon Systems Company |

Real men talk with their fingers!!

|         |            |                    |             |
|---------|------------|--------------------|-------------|
| NORTEX  | QRP-L #377 | QRP-ARCI           | SMIRK #4906 |
| ARS #72 | NORCAL     | Austin QRP Club #e |             |

-----  
Do You Yahoo!?  
Bid and sell for free at <http://auctions.yahoo.com>

-----  
Date: Sat, 7 Aug 1999 18:36:58 -0400  
From: "curt" <k3ivb@stargate.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [47042] FS: PADDLES/KEYER  
Message-ID: <00a201bee125\$5d04fc80\$69b8a6d1@Curtk>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Being the other party on qrp-1 sold his so easy I figured, why not try  
also:-)

I have a "NIB" never used Nye Viking SKM-016 with original box and manual.  
This is a memory keyer combo paddle. I can send a jpeg, but it's in a black  
box with 4 toggle switches on top with the black plastic paddles out front.  
Iambic memory keyer  
with 16,000 bit memory in 8 2000 bit channels. It has it's own speaker and  
can be operated via battery or ac adapter. I bought it new and never used  
it. Have the receipt showing \$226, will sell for \$200.

72/73. . .Curt

-----  
Date: Sat, 7 Aug 1999 17:58:44 -0500  
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>  
To: <rengelwb8uoj@juno.com>, "Low Power Amateur Radio Discussion" <qrp-  
1@Lehigh.EDU>  
Subject: [47043] Re: Antennas  
Message-ID: <003e01bee128\$672e94c0\$eb37a497@aa5tb>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Bob,

The RG-8 mini-foam will be fine for a 100' length on 40m. 10' high is  
really too low for good operation on 40m although I've made contacts with  
just such an antenna but be assured that what is left of your signal after  
being absorbed by the ground is going straight up!

The SWR of 1.5:1 indicates that at least things are probably hooked up correctly. If you're able to check the SWR across the band you should notice a substantial increase in SWR as you tune away from the design frequency (Hi-Q) on a single wire 40m dipole. If not then you have too many losses somewhere and you have a pretty good dummy load.

A previous post recommended to "use a 4/1 balun for the impedance mismatch between the 450 ohm ladder line and the 50 ohm dipole". A balun isn't really needed since when using ladder line an antenna tuner of some sort is mandatory at the rig end and the line loss for 450 ohm ladder line is so low already that the additional mismatch loss would be negligible. Besides, BALUN means BALanced-to-UNbalanced and both the ladder line and the dipole are already balanced. You're present method of feeding your dipole is fine for single band use. A balun is the ideal way to feed a dipole with coax but directly feeding it with coax will effect your QSO rate. With a directly coax fed dipole the possibility exists that the feed line will have RF currents on it will particular feed line lengths and this can cause other problems. 450 ladder line and a tuner would allow efficient operation on all bands though.

How are you trying to make QSO's? If you're just calling CQ you might want to try to call other stations instead. The success rate per transmission is usually greater this way. Also, you might check and make sure the rig's transmit or receiver offset is functioning properly (remember the zero-beat thread?).

Anyway, good luck.

73,  
Steve Yates - AA5TB  
Fort Worth, TX - EM12gs  
<http://home.swbell.net/aa5tb>

-----  
End of QRP-L Digest 1541

\*\*\*\*\*  
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